



Discovery Program 2006 Announcement of Opportunity PreProposal Conference

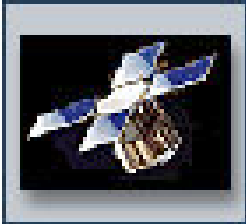
Welcome!

Andrew Dantzler

Discovery Program Director
(and Solar System Division Director)

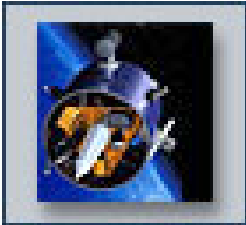
February 2, 2006

Discovery: *10 Full Missions selected to date*



NEAR

Successfully orbited and landed on an asteroid



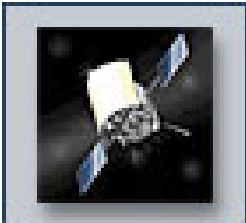
Lunar Prospector

Provided detailed maps of Moon's surface



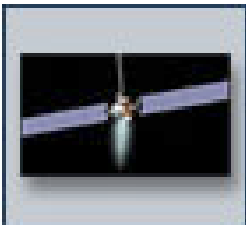
Genesis

Captured Solar Wind and brought it back (the hard way)



MESSENGER

Launched and on its way to Mercury via Venus



Dawn

Mission to Ceres and Vesta. Under development.

Mars Pathfinder

Successfully landed and roved on Mars



Stardust

Flew through comet's tail and returned samples to Earth



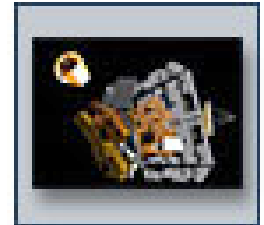
CONTOUR

Mission to comet. Lost during flight.



Deep Impact

Spectacular impact of comet, revealing details of interior

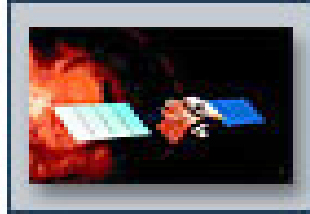


Kepler

Will search for extra-solar planets. Under development.



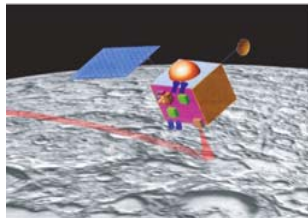
Discovery: 3 Missions of Opportunity selected to date



ASPERA-3, aboard Mars Express, is studying the interaction between the solar wind and the Martian atmosphere.



NetLander was to measure conditions on the Martian surface, and internal structure. Cancelled due to CNES funding difficulties.



Moon Mineralogy Mapper (MMM), to fly aboard Chandrayaan-1 will characterize the lunar surface compositions in the context of its geologic evolution. Not confirmed.

The Discovery Program

Discovery is a successful, highly visible Program, and we strive for continuous improvement in the selection and implementation processes to keep the success coming.